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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/810,273      | 03/26/2004  | Takatcru Satoh       | 02157/0201088-US0   | 8531             |

7278 7590 10/16/2007  
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New York, NY 10008-0770

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| EXAMINER |
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KAYRISH, MATTHEW

|          |              |
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| ART UNIT | PAPER NUMBER |
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2627

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| MAIL DATE | DELIVERY MODE |
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10/16/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

10/810,273

Applicant(s)

SATO ET AL.

Examiner

Matthew G. Kayrish

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 25 July 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1, 3-5 and 9 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1 and 3-5 is/are allowed.
- 6) ☒ Claim(s) 9 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments filed 7/25/2007, with respect to claim 9 have been fully considered but they are not persuasive.

Regarding the argument that Shiga does not show a chamfered portion with a planar surface positioned at an acute angle to a longitudinal axis of the cylindrical body and extending over a full cross-sectional area of the cylindrical body, the examiner respectfully disagrees. The longitudinal axis runs vertically along the center of the clamp. The planar surfaces are angled. If the plane of the surfaces were to be extended, they would intersect with the axis and thus form an acute angle. Regarding the argument that the planar surface only covers part of the cross-sectional area, the examiner respectfully disagrees. The planar surface extends from the inner wall [62b] to the outer wall [62a], therefore, along the full cross sectional area. Therefore, claim 9 is met by Shiga et al (US Patent Number 6761327)

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) The invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claim 9 is rejected under 35 U.S.C. 102(b) as being anticipated by Shiga et al.

Regarding claim 9, Shiga discloses:

A tape cartridge comprising:

A reel hub unit (figure 1, item 23), for winding a tape-shaped recording medium (figure 1, item 20) on its periphery (column 9, lines 22-25), rotatably accommodated in said tape cartridge (column 9, lines 22-25); and

A leader member (figure 1, item 21) for holding and fixing a leading edge of the tape-shaped recording medium (column 9, lines 1-62);

Wherein said leader member includes a pin member (figure 5a, item 21a) having a pair of collar portions (figure 5a, item 21d) between which the tape-shaped recording medium is positioned (column 10, lines 26-32), and a clamp member (figure 5a, item 62) fitted in between said collar portions from through an opening (figure 5a, opening represented by slit [S]) so formed in a longitudinal direction of a cylindrical body as to extend to end surfaces on both sides of said cylindrical body (See figure 5a), and clamping the tape-shaped recording medium between said pin member and said clamp member itself (column 10, lines 45-50); and

At least one chamfered portion is provided at an end of said cylindrical body facing one of said collar portions (figure 36, item 64 is at an end surface), said at least one chamfered portion comprising a planar surface that comprises an end surface of said cylindrical body in proximity to one of said collar portions (figure 36), said planar surface being positioned at an acute angle to a longitudinal axis of the cylindrical body

and extending over a full cross-sectional area of the cylindrical body (figure 36, item 64 extends over a full cross-sectional area).

***Allowable Subject Matter***

4. Claims 1 and 3-5 are allowed.

The following is an examiner's statement of reasons for allowance:

Claim 1 recites:

Chamfered portions are provided at edge portions of the opening of said claim member and chamfered portions each comprising a planar surface completely enclosed by three edges.

This limitation, in combination with the limitations of the other claims, are neither anticipated, nor rendered obvious by any prior art of record.

The closest reference, Shiga et al, discloses a chamfered portion, however, it is not completely enclosed by three edges.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Matthew G. Kayrish whose telephone number is 571-272-4220. The examiner can normally be reached on 8am - 5pm M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571-272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

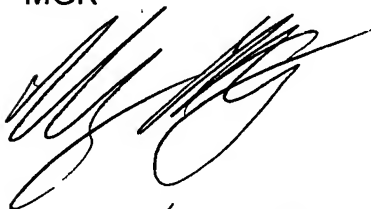
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USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


Matthew G. Kayrish

10/12/2007

MGK



10/12/07



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PRIMARY EXAMINER AV2627